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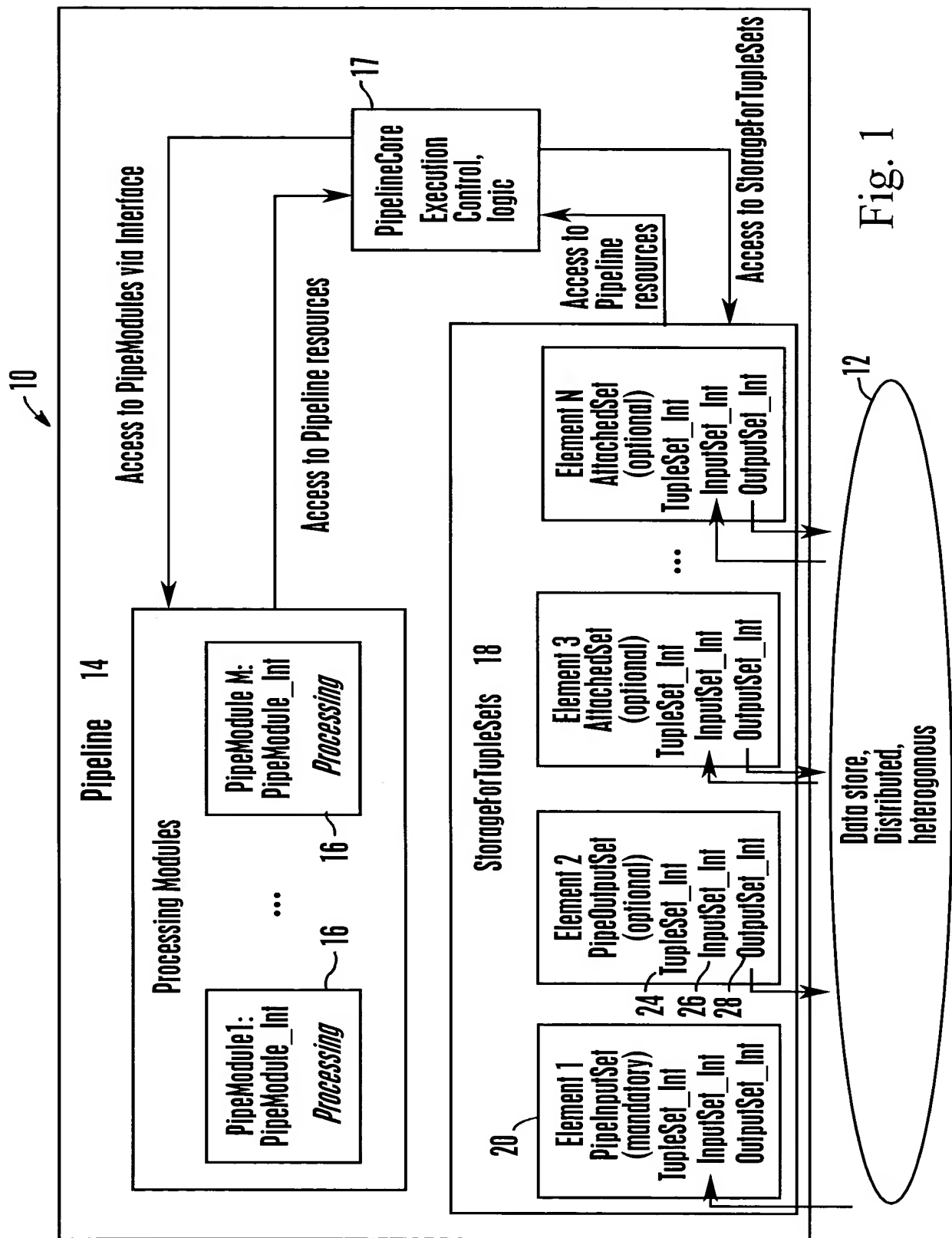


Fig. 1

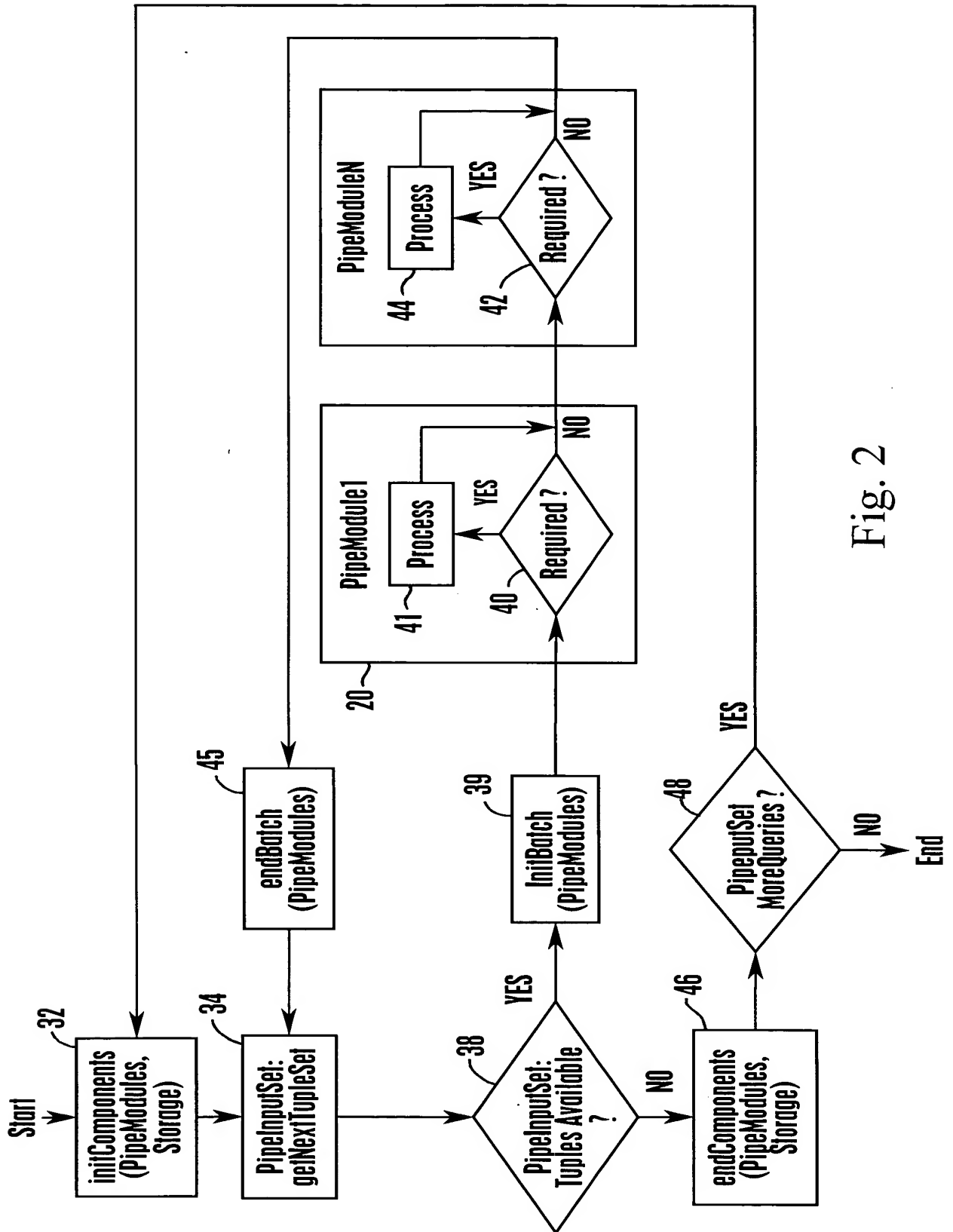


Fig. 2

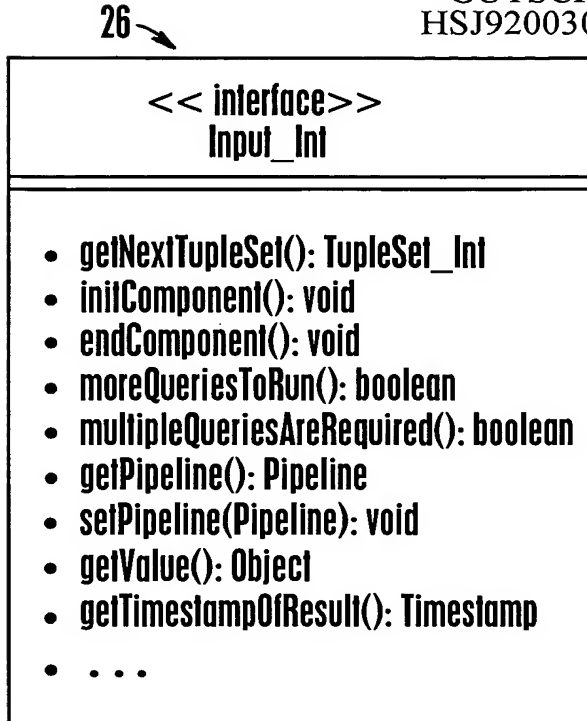


Fig. 3

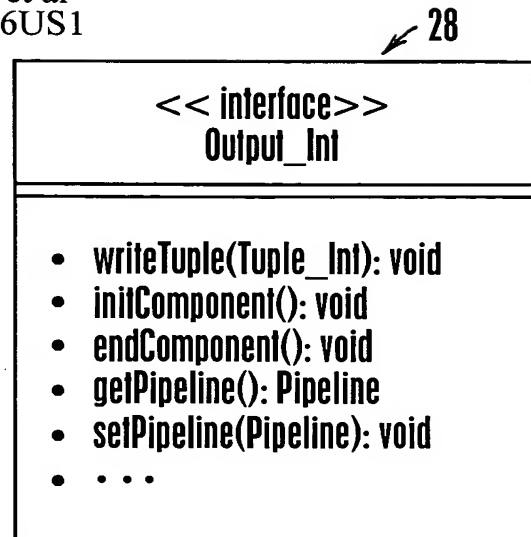


Fig. 4

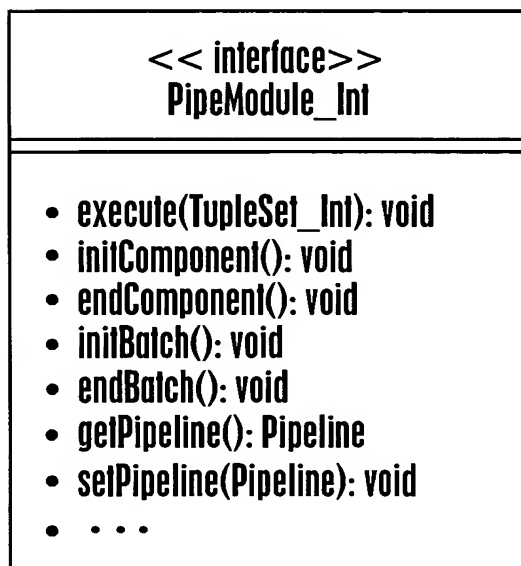


Fig. 5

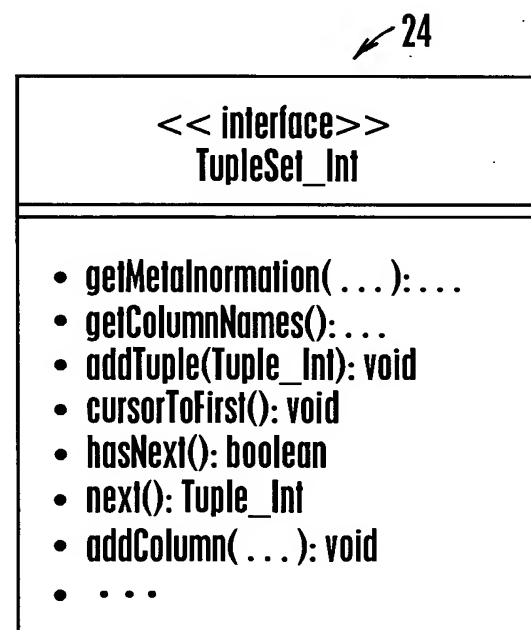


Fig. 6

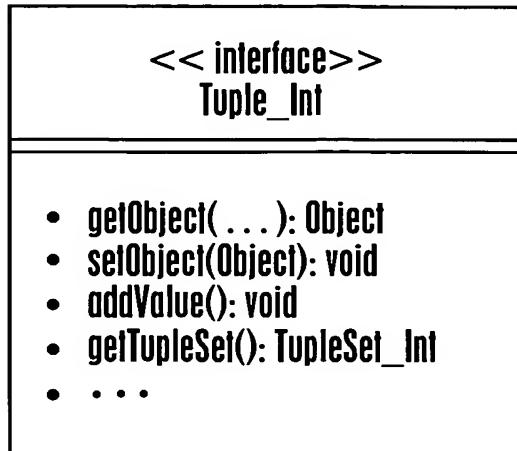


Fig. 7

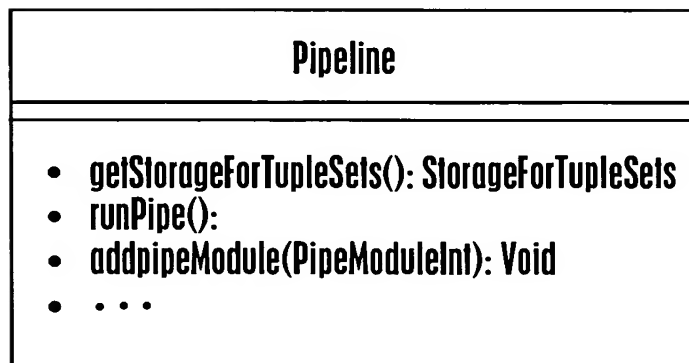


Fig. 8

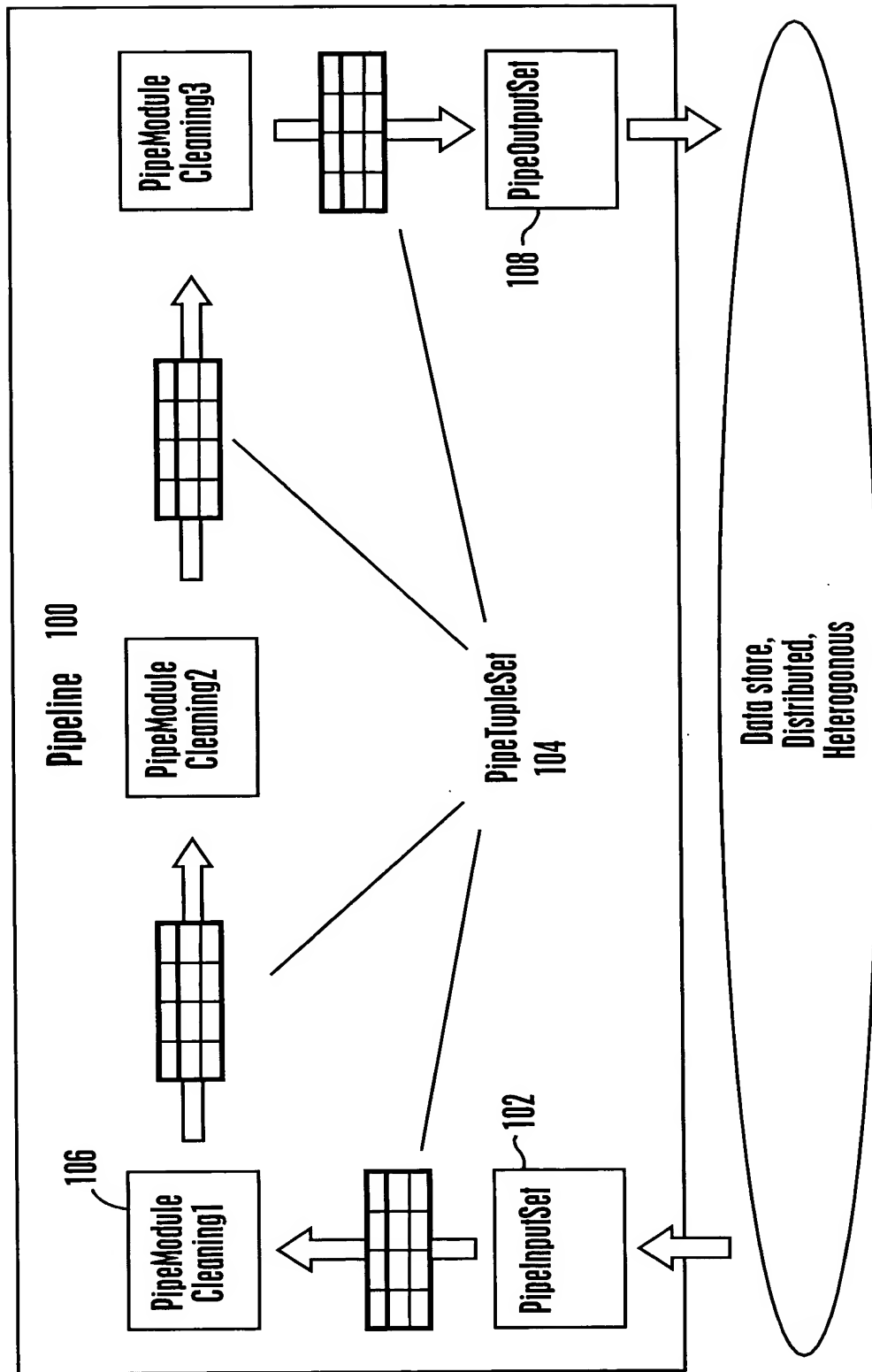


Fig. 9

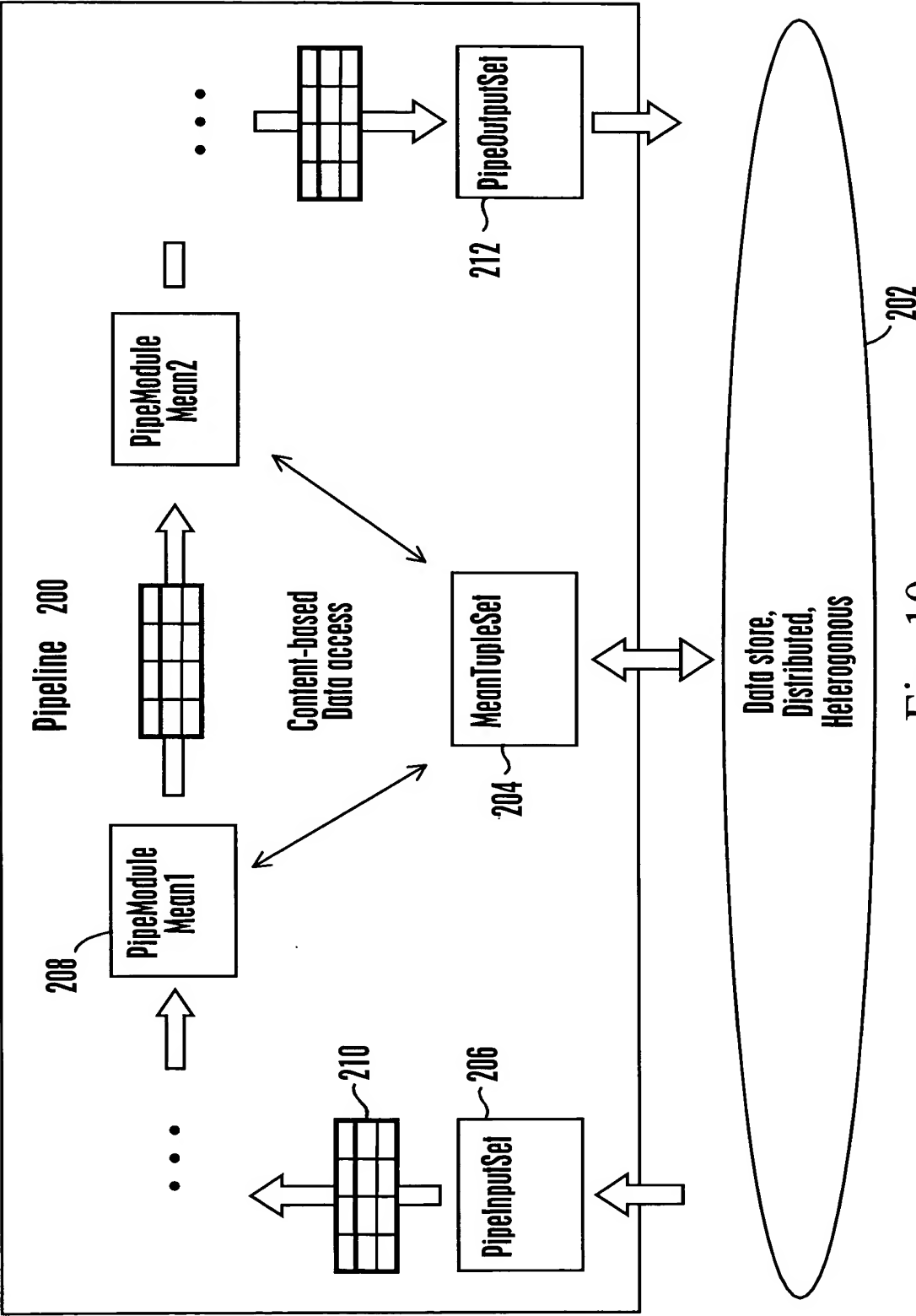
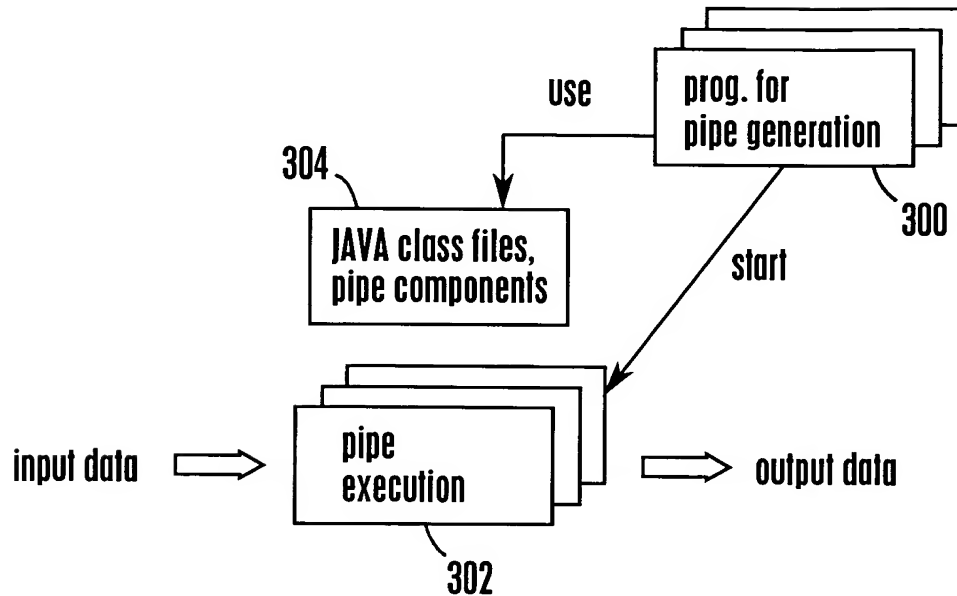


Fig. 10

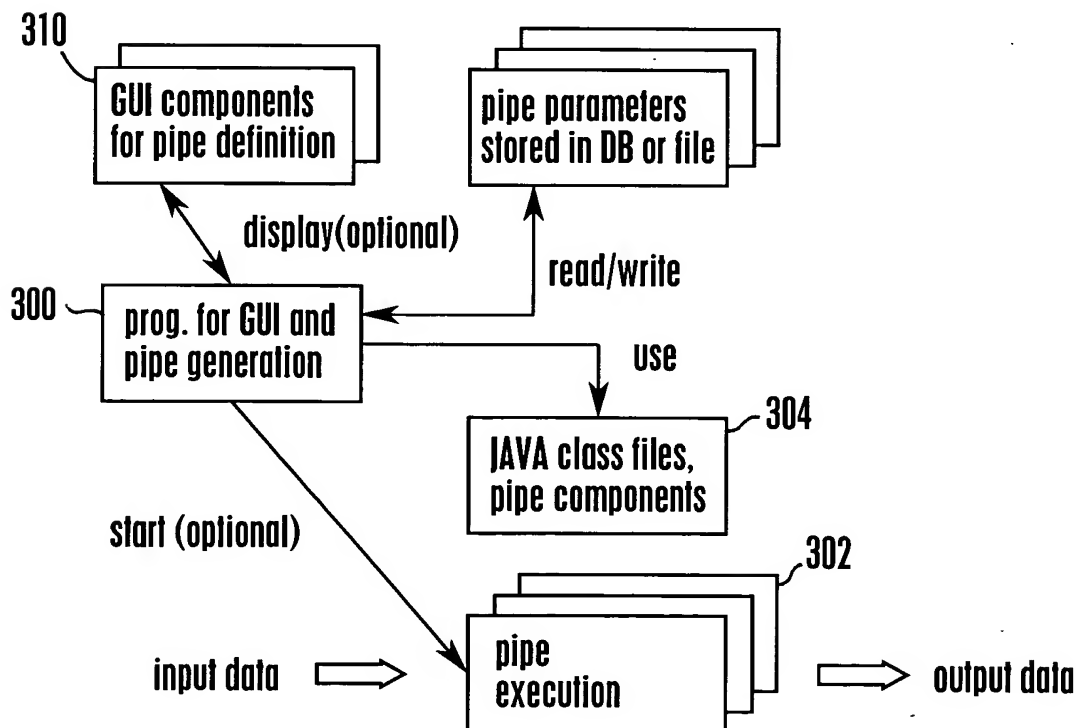
Pipe Definition/Execution -- Code Level

Fig. 11



Pipe Definition/Execution -- GUI Level

Fig. 12



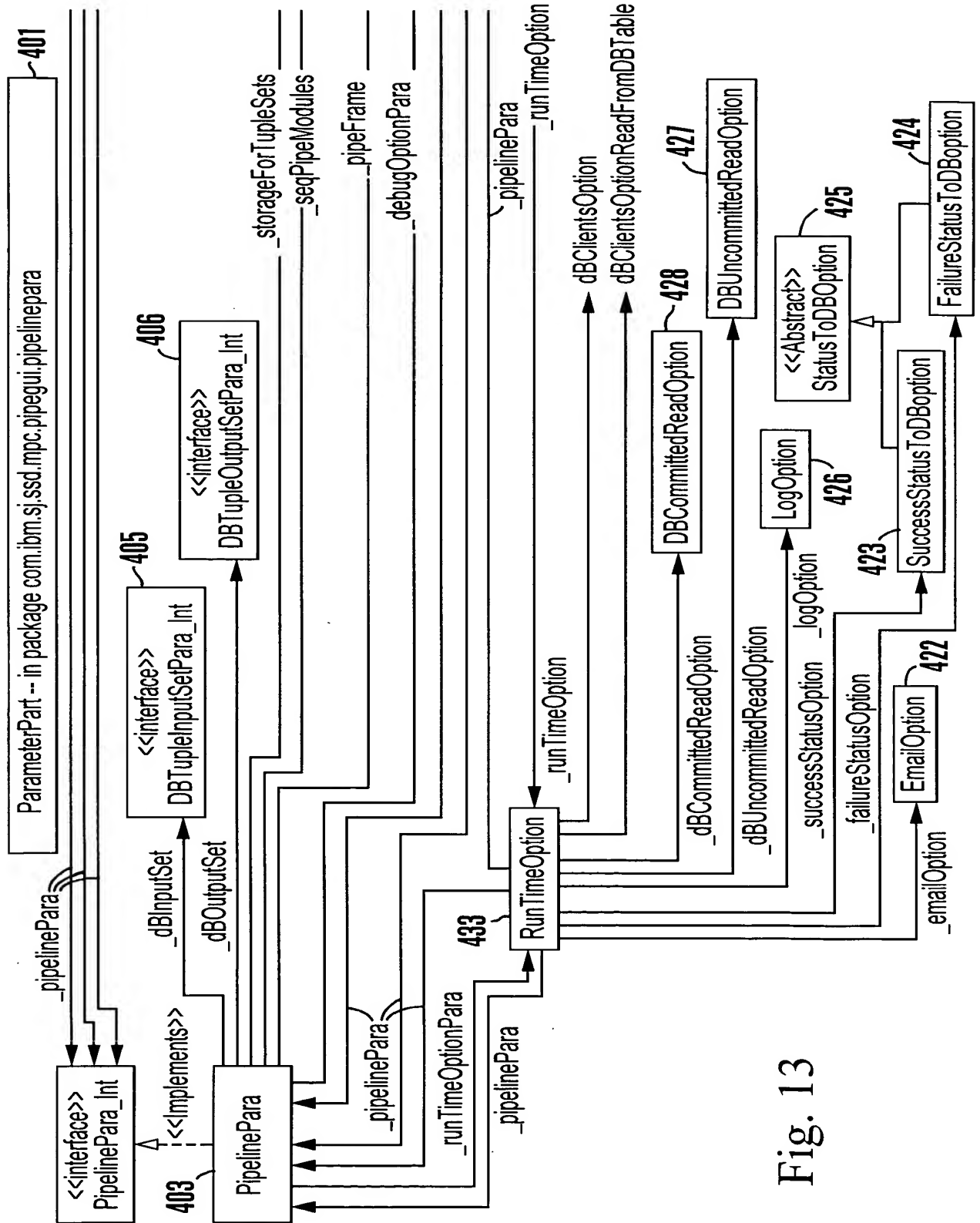


Fig. 13

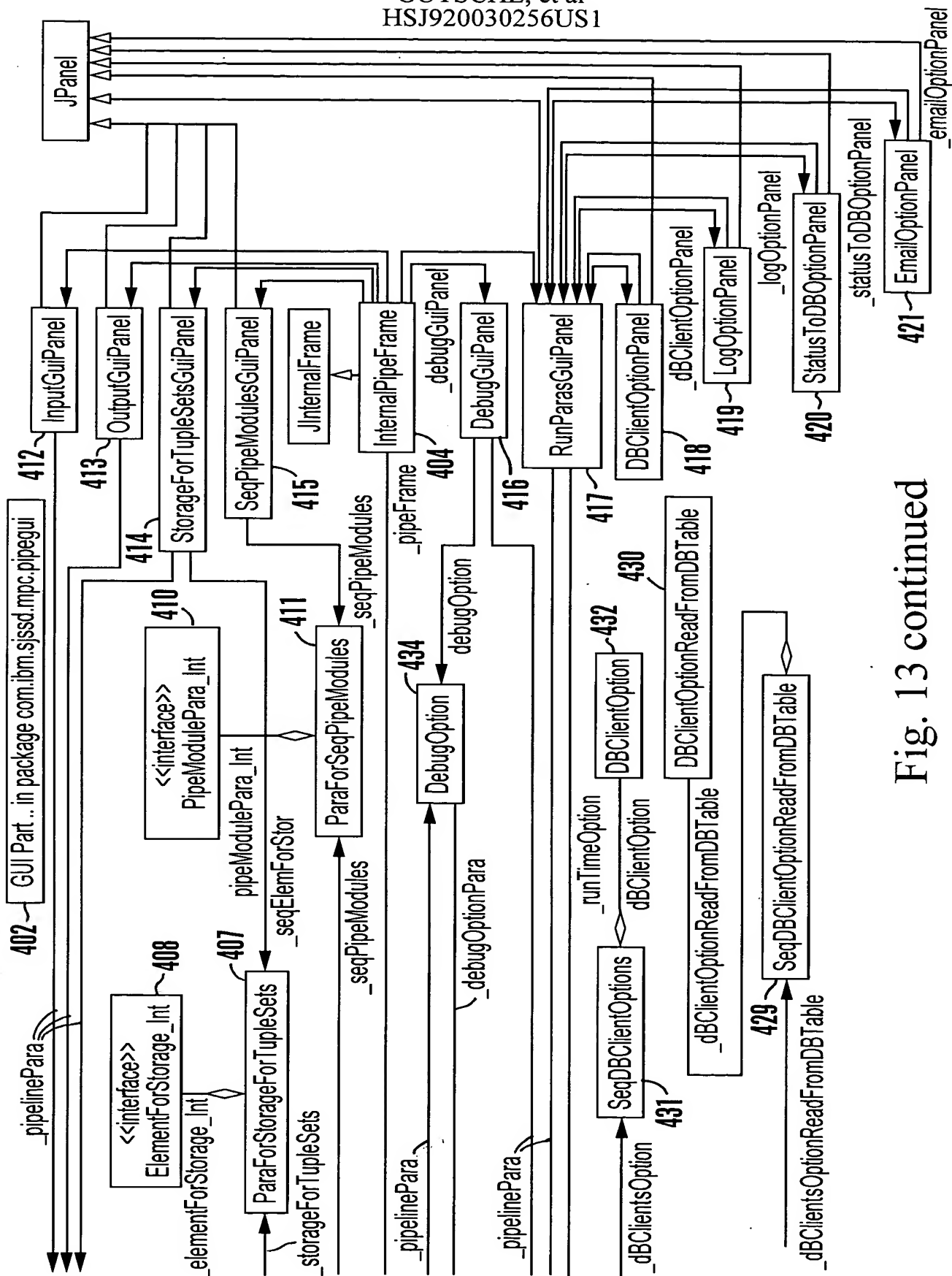


Fig. 13 continued

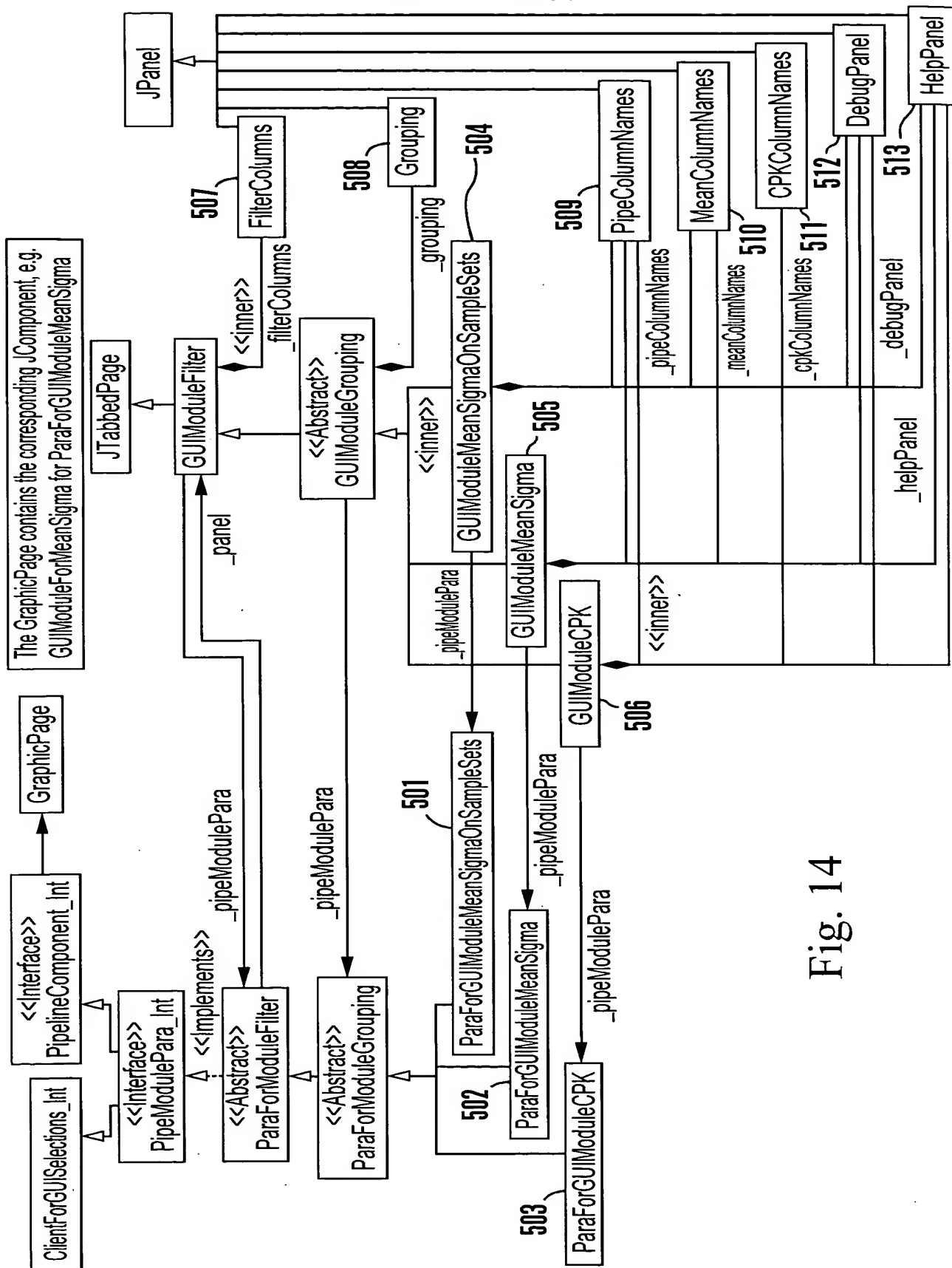


Fig. 14

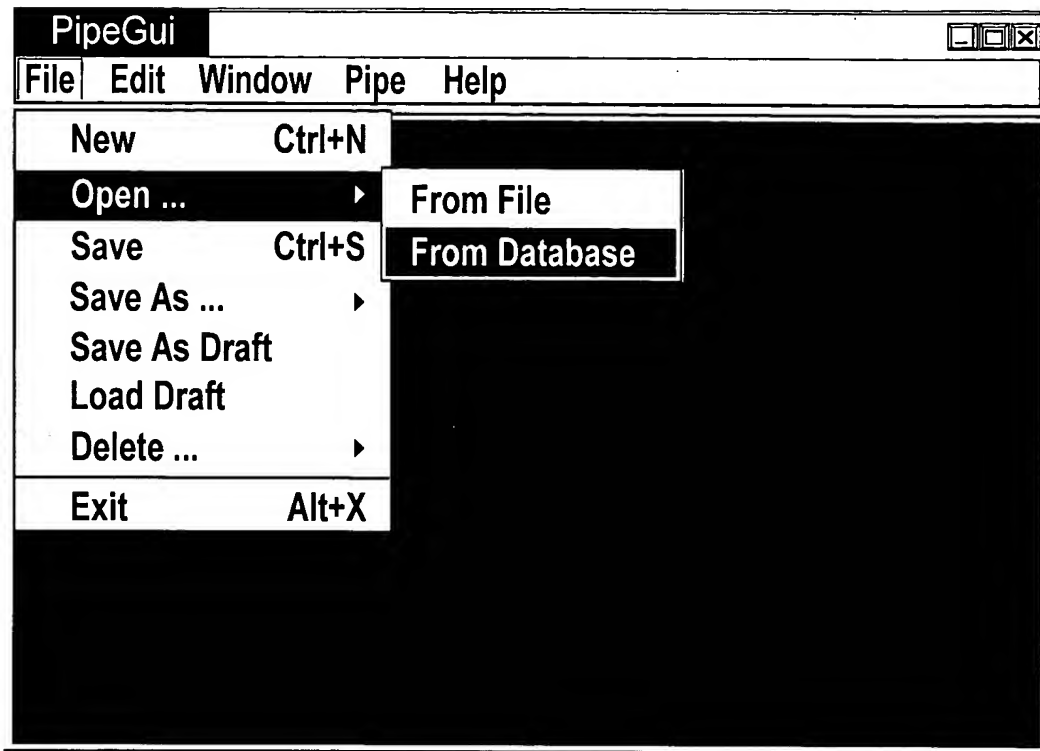


Fig. 15

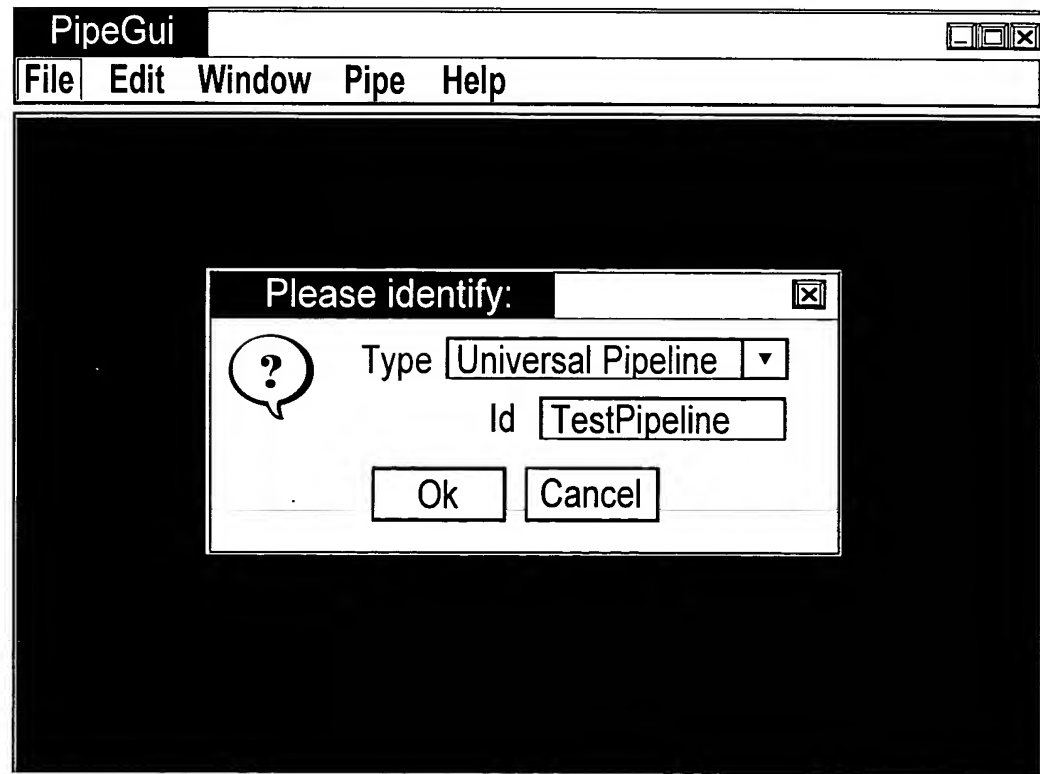


Fig. 16

PipeGui

File Edit Window Pipe Help

Pipeline: TestPipeline

Run Parameters | Pipe Input Set | Pipe Output Set | Storage For TupleSets | Pipe Modules | Debug Codes

Help

DBClients | LogOption | ReturnStatusToDB | EmailOnFailure

... DBClients - DBUncommittedRead - DBCommittedRead

| Id in Pipe | Database Name (e.g. ...) | User Id | Password | Committed Read | Comment |
|---|--------------------------|---------|----------|----------------|---------|
| <input type="button" value="Add Row At End"/> | | | | | |

☐ Enable DBClientReadFromDBTable

| DBName (e.g.) ... | DBUserId | DBPassword | DBTableName | IdColName | DBCName | UserColName | PasswordCol... |
|---|----------|------------|-------------|-----------|---------|-------------|----------------|
| <input type="button" value="Add Row At End"/> | | | | | | | |

Fig. 17

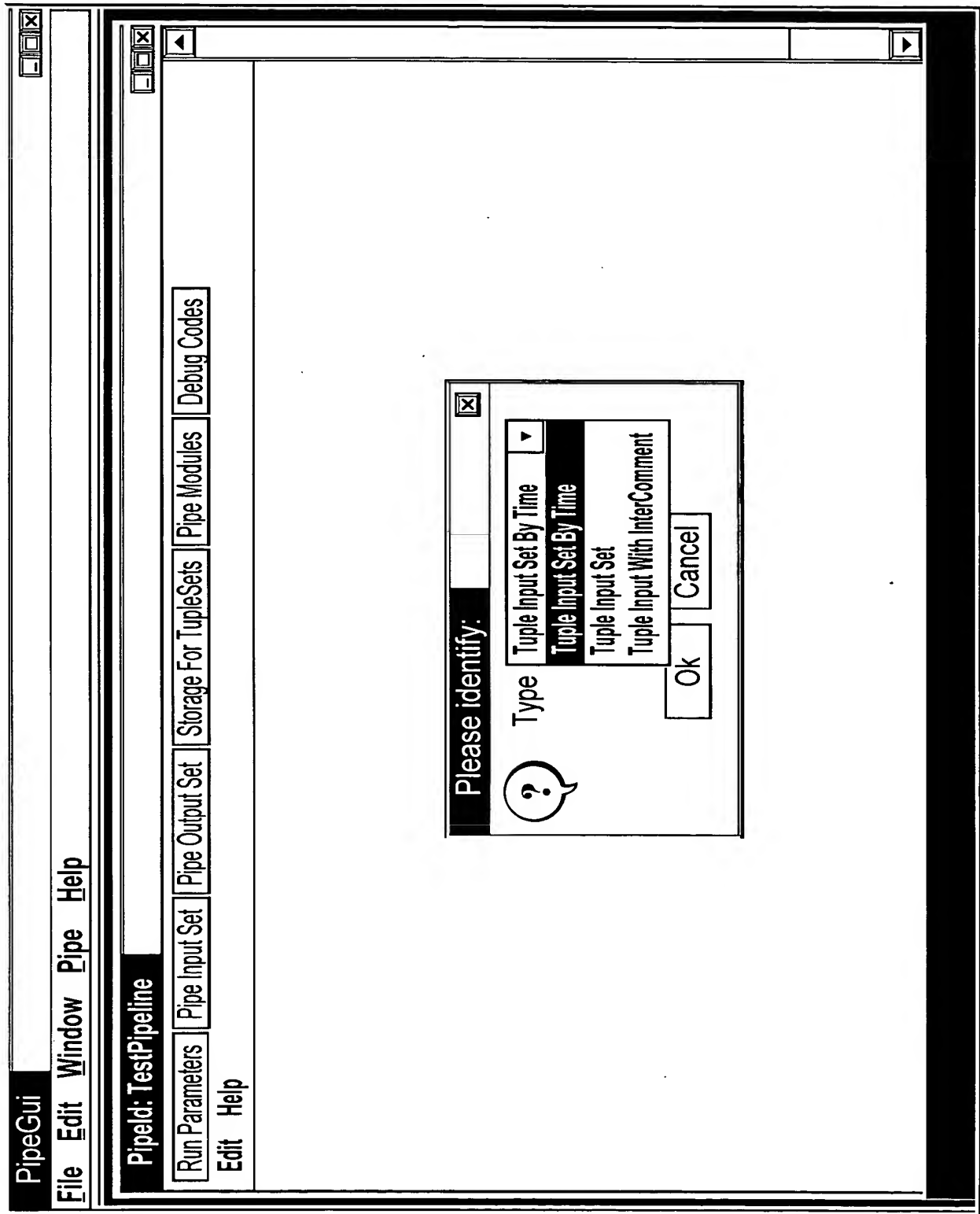


Fig. 18

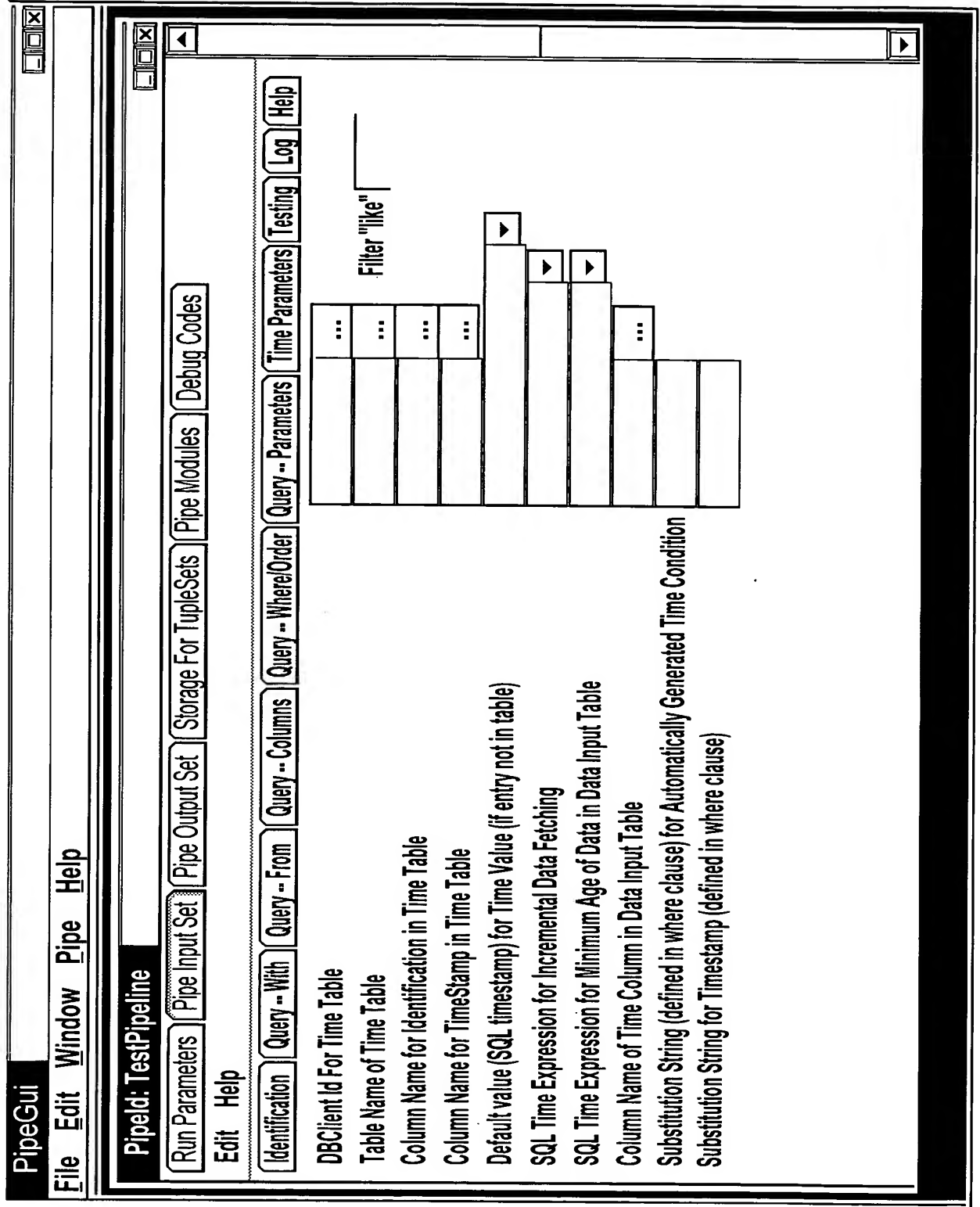


Fig. 19

PipeGui

File

Edit

Window

Pipe

Help

Pipeline: TestPipeline

Run

Edit

Ident

DBC

Table

Column

Column

Default

Column

Pipeline: GUINarrInToMeanNarr -- Saved to DB: NameInStorage: GUINarrInToMeanNarr. TableName: PIPEPARAEXAMPLESDBName:xx

Run Parameters

Pipe Input Set

Pipe Output Set

Storage For TupleSets

Pipe Modules

Debug Codes

Edit

Help

#

Pipe Module Id

1

MeanNarrAll

2

CPKAll

3

MiniWaterNumber

Configure Pipe Module

Filter

Para Value Cols in PTS

Mean Value Cols In Mts

Grouping PTS and Mts

DebugCodes

Help

| Pipe Column Name (PTS) | Attached TupleSet Column Nam... | Comment |
|---------------------------|---------------------------------|---------|
| ParaName | PARAMNAME | |
| Date | DAY | |
| Mach | MACHINE | |
| <div>Add Row At End</div> | | |

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Fig. 20

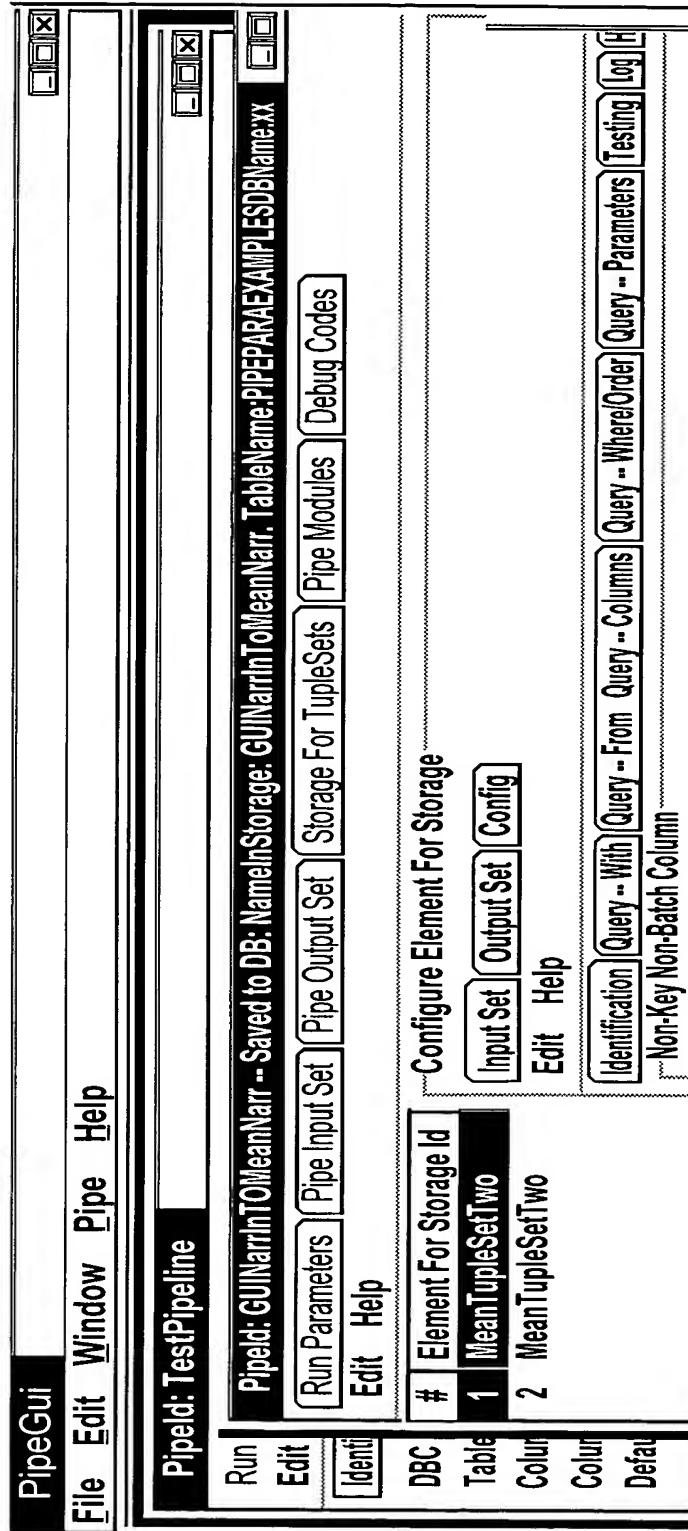


Fig. 21

| SQL Column Definition | Column Name in Attached TupleSet | Condition | Comment |
|-----------------------|----------------------------------|-----------|---------|
| N | | | |
| MEAN | | | |
| SIG2 | | | |
| SX | | | |
| SX2 | | | |
| MINVAL | | | |
| MAXVAL | | | |
| MINTIME | | | |
| MAXTIME | | | |
| THISSTORETIME | | | |
| Add more | | | |
| Key Column umn | | | |
| SQL Column Definition | Column Name in Attached TupleSet | Condition | Comment |

Fig. 21 continued